

Title (en)

System and Method of Path Point Reduction

Title (de)

System und Verfahren zur Pfadpunktreduktion

Title (fr)

Système et procédé de réduction par point de chemins

Publication

EP 2169352 A1 20100331 (EN)

Application

EP 08165207 A 20080926

Priority

EP 08165207 A 20080926

Abstract (en)

A method of reducing waypoints representing a path defined along a route between two endpoints. The route includes a set of critical points including the endpoints and any decision points of the route intermediate the two endpoints. One or more waypoints of the path that are distal each critical point are eliminated, while retaining waypoints that are proximal each critical point. This enables the computation of a reduced waypoint path which provides accurate route-following in the vicinity of each critical point of the route.

IPC 8 full level

G01C 21/34 (2006.01)

CPC (source: EP)

G01C 21/3626 (2013.01); **G01C 21/3644** (2013.01)

Citation (applicant)

- US 6266614 B1 20010724 - ALUMBAUGH WENDELL [US]
- WO 0214893 A1 20020221 - VOLVO TEKNISK UTVECKLING AB [SE], et al

Citation (search report)

- [X] US 6266614 B1 20010724 - ALUMBAUGH WENDELL [US]
- [X] WO 0214893 A1 20020221 - VOLVO TEKNISK UTVECKLING AB [SE], et al
- [A] WO 2008096376 A1 20080814 - MARORKA [IS], et al
- [A] US 2002183922 A1 20021205 - TOMASI STEVEN W [US], et al

Cited by

CN109977455A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2169352 A1 20100331; **EP 2169352 B1 20180516**; CA 2680499 A1 20100326; CA 2680499 C 20150414

DOCDB simple family (application)

EP 08165207 A 20080926; CA 2680499 A 20090924